



SCAN_TEST =

```

    pattern = 0;
    apply "grpl_load" 0 =
        chain "chain_0" =
"11111101011100001111100011100110110101000001010010\
10001100000111000110100001101001110010001010011110\
11011100011000010001100011110010001001010100000011\
10101010010011001011011001011001100100000110010010\
01110100000000111101111011001100111010111011010010\
00100111111001010110100001001100000011000011101101\
10101111011011010001101100111001000110100011011100\
10101111100100000001110110010000110011000011111000\
000100100010101100111011100011111111100111100111\
0101100011100111110100011000111101110111001110011\
00100011010101100101010111000101010101111010011000\
0011011111011011101111001110100010010001000011111\
1110110001001110110111100111011111101101110011001\
1111011100011000010111110000100001110011111101111\
01010000100000010001101010101111101001110110110100\
01111011111011111111101001101011001110001100010100\
1101111011110010000100001011111111110000010110011\
10010011001110011110101000000110100101001100011010\
11100000101011010110101001011011111111010011110001\
00011010011111101100010100110110101011010100100110\
10111110101011100010000100111000011000011000010111\
01101101100000110011010011000011011000001011110110\
11010011011110000110001001110001110110101001000110\
11000001101111111111101111011010010001101010000011\
10110110010001011000011000100111101010111111011001\
11110001010001000110001110011101011100001000100000\
10110110111010010011001001110110010010100010110111\
10011100101100110110010011000001010110101011110100\
01010000101101101100100101011000010011011100010110\
00111110001010111110000000100101000011011000001100\
0001110111001000011100100000101100000101100001100001":

```

Prior Art

Fig. 1(a)

RECEIVED
OCT 22 2003
Technology Center 2100

Approved @ 8/8/04



```

chain "chain_1" =
"10111100101010100011111100111000110110011011001111\
011100111010011001111101100001110101010111110110\
001110100010001101101010110101010010010000100101\
01001010100001101001100100110110000010011000001010\
01010011100000000101010110110000111111010001010001\
01011000101011110011101100100110011110100011011000\
0011111110000001101100000001110011111011001100110\
1101110000000001000101011100001111110001101000110\
11011001000000011000111010001011101110011010101111\
0001000101011011001001111111011001000001111110000\
11100100011101110011011001011011000110111011001100\
001100011000101101111010010111011100001011010010\
00011011010100111101001001011010100111011000110101\
01010000001100110100000011111100100101000001100011\
00000111010111011000010100011100011001110100010101\
01000010000000000110111100010010011001010000000111\
0101000111010100000100010000011000011000001010101\
1010001101101111000000110000011011001001110111110\
0100100010110100010111011011101000000111010000010\
100011011111001000011101011101101101000011101110\
10110000101000110100111101100100100011110100011111\
0010101111100000011110111011101010001101000100011\
0001001100111011010000110111000010100111011110110\
1100000110010111011010110101001111010110100000111\
0100111101100011111100001001110001100110001011000\
1010111010110101010000001010001011111101110111011\
10001110010010100100001101001101100011001011110101\
01000010000000111101000111101100010010000000101001\
11111110100110001011011110101000001010001110000001\
1100101000110110010010110110110001101111110011010\
0111110001111111000001001100011011101100000";

```

RECEIVED

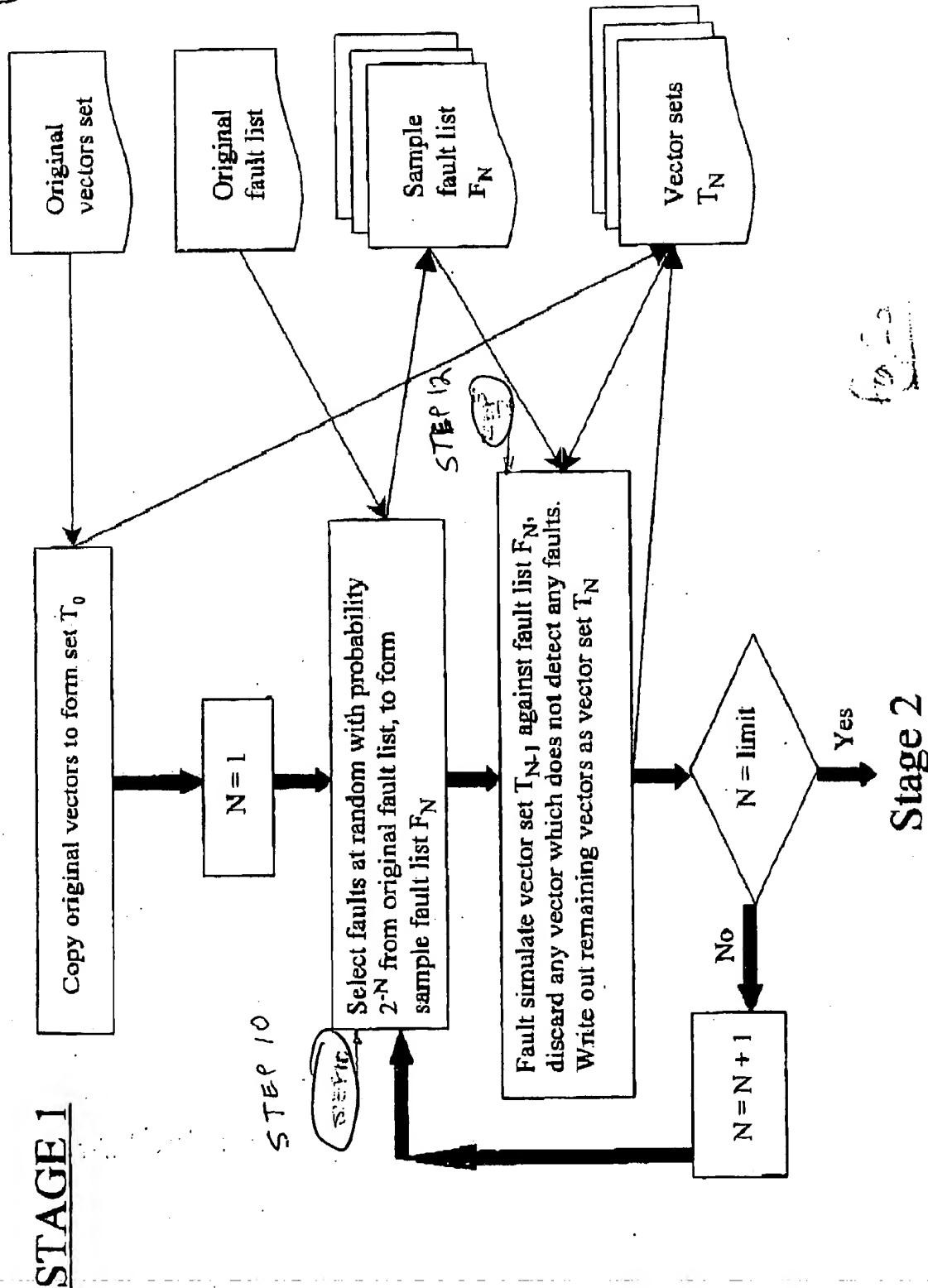
OCT 22 2003

Technology Center 2100

Prior Art

Fig. 1(b)

Approved & 8/6/04



Approved @ 8/6/04



4/7

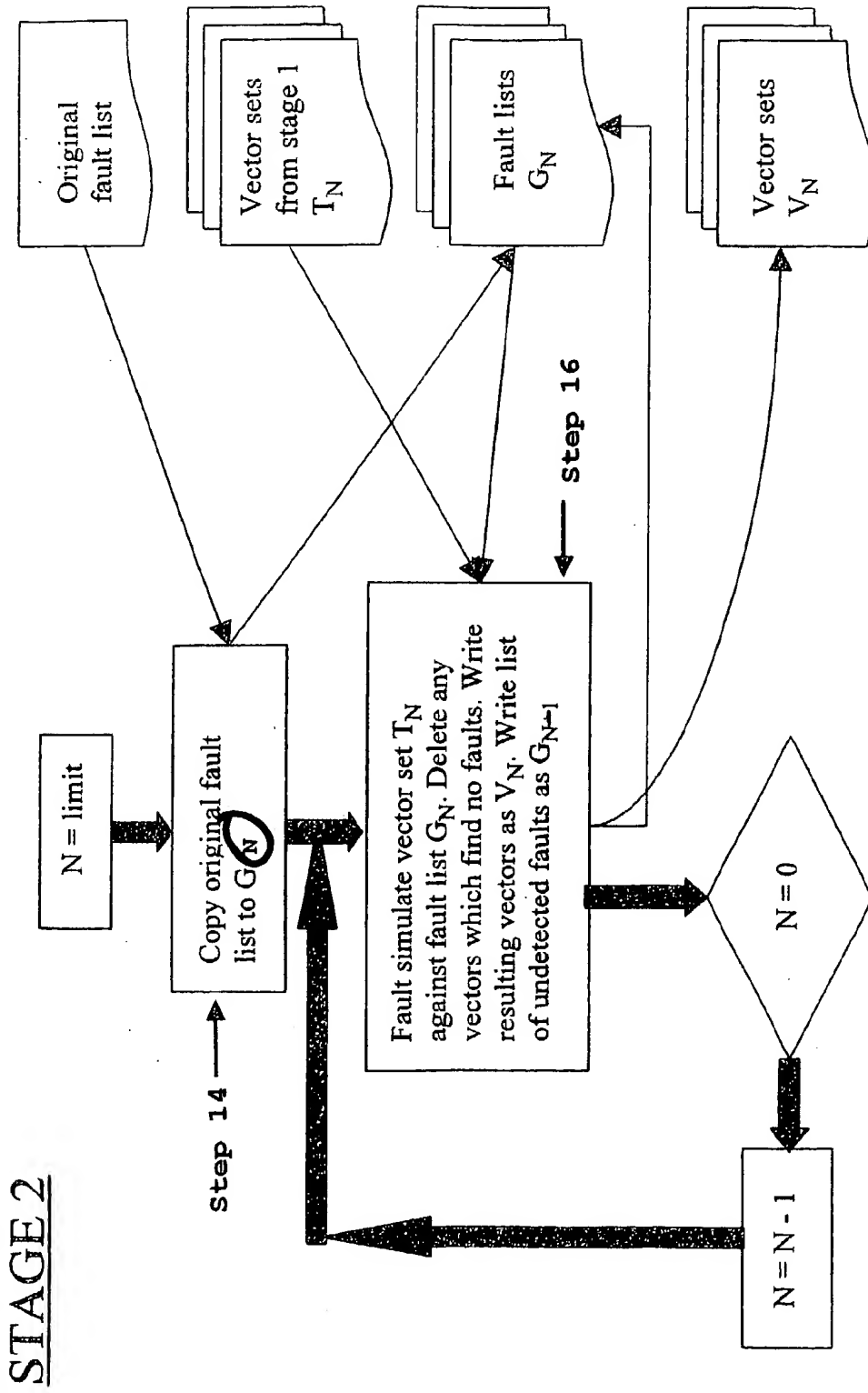


Fig. 2 (b)

Approved @ 8/6/04



STAGE 3

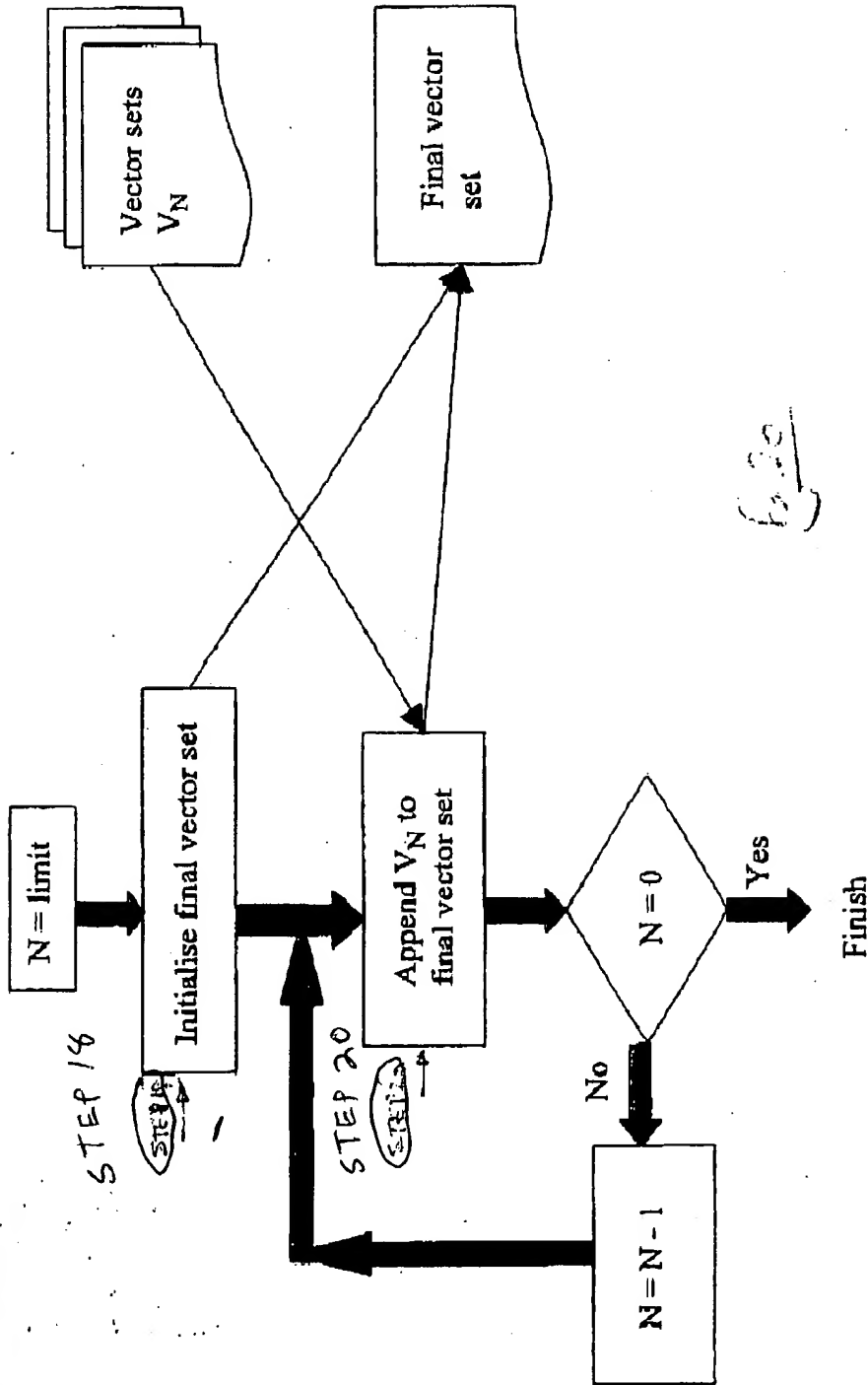


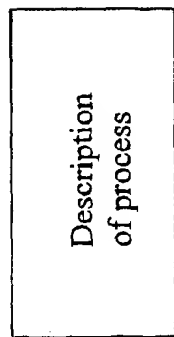
Fig 2 =

Approved @ 8/6/04

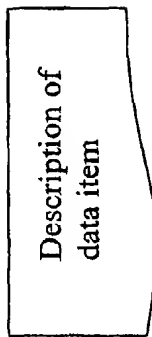
Key to flow diagrams

→ Data used as input to a process

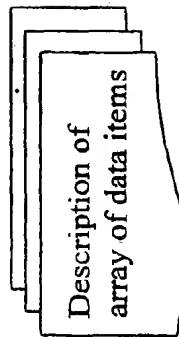
→ Data output from a process



Process



Data item



Array of data items

→ Process flow

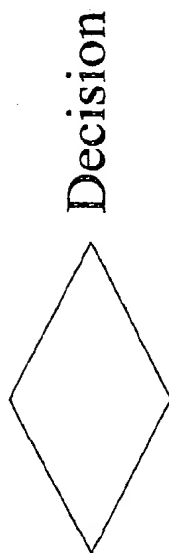


Fig. 3

Approved @ 8/6/04